7.0 REFERENCES

Alsop, F.J. 2002. Birds of Florida: Smithsonian Handbook. DK Publishing, Inc. New York, NY. 400p.

Amend, M. and A. Shanks. 1999. Timing of larval release in the mole crab *Emerita talpoida*. *Marine Ecology Progress Series*. Vol. 183: 295-300.

Anchor (Anchor Environmental CA, L.P.), June 2003. Literature Review of Effects of Resuspended Sediments Due to Dredging Operations. Prepared for Los Angeles Contaminated Sediments Task Force, Los Angeles, California.

Anderson, John R., 2006. Laboratory 6 - Sand Sieve Analysis. Department of Geology, Georgia Perimeter College, Dunwoody, GA. 13p. http://www.gpc.edu/~janderso/historic/labman/sievean.htm (June 2006)

ANHP (Alaska Natural Heritage Program) 2004: Smooth Cordgrass. https://akweeds.uaa.alaska.edu/pdfs/potential_species/bios/Species_bios_SPAL.pdf.

ASMFC (Atlantic States Marine Fisheries Commission Red Drum Plan Development Team), 2002. Fishery Management Report No. 38 of the Atlantic States Marine Fisheries Commission – Amendment 2 to the Interstate Fishery Management Plan for Red Drum. Washington, D.C.: Atlantic States Marine Fisheries Commission, 91p. http://www.asmfc.org/speciesDocuments/southAtlanticSpecies/redDrum/redDrumAm2.p df

ASMFC (Atlantic States Marine Fisheries Commission), May 2003. Atlantic Menhaden Fact Sheet. http://www.asmfc.org/

ASMFC (Atlantic States Marine Fisheries Commission), 2006. Species Habitat Information - Red Drum Fact sheet. Washington, D.C.: Atlantic States Marine Fisheries Commission, 2p.

http://www.asmfc.org/speciesDocuments/southAtlanticSpecies/redDrum/redDrumFactsheet.pdf (June 2006)

ASMFC (Atlantic States Marine Fisheries Commission), 2006a. Atlantic Croaker. http://www.asmfc.org/speciesDocuments/southAtlanticSpecies/atlanticcroaker/croakerfactsheet.pdf

Audubon North Carolina. 2007. Painted Bunting Observer Team Seeks Help from Citizens Scientist. http://nc.audubon.org/news_April25th2006_PBOT.html. Last visited August 07, 2007.

Audubon North Carolina. 2007a. Colonial Waterbirds of North Carolina. www.audubon.org/chapter/nc/ColonialWaterbirds_list.html. Last visited September 24, 2007.

Avens, L. and K.J. Lohmann, 2004. Navigation and seasonal migratory orientation in juvenile sea turtles. *Journal of Experimental Biology*, Vol. 207, Pp. 1771-1778.

Bass, R.E.; Herson, A.I., and Bogdon, K.M., 2001. The NEPA Book, A Step-by Step Guide on How to Comply with the National Environmental Policy Act.

Beane, J. 2007. Herpetology Collections Manager, North Carolina Museum of Natural Sciences. Personal communication regarding the presence of Carolina diamondback terrapins in the vicinity of New River Inlet.

Benton, S.B.; C.J. Bellis; M.F. Overton; J.S. Fisher; and J.L. Hench, 1993. Long term average annual rates of shoreline change updated through 1992. North Carolina Department of Environment and Natural Resources and the NC Division of Coastal Management, Raleigh, NC. PP. 16, 14 Plates.

Bjorndal, K.A., 1997. Foraging Ecology and Nutrition of Sea Turtles. In: Lutz, P.L. and Musick, J.A. (eds.) The Biology of Sea Turtles, CRC Press, New York, 8:199-231.

Bjorndal, K.A. 1985. Nutritional ecology of sea turtles. Copeia 736.

Bjorndal, K.A., 1997. Foraging Ecology and Nutrition of Sea Turtles. In: Lutz, P.L. and Musick, J.A. (eds.) The Biology of Sea Turtles, CRC Press, New York, 8:199-231.

Blue Crab Archives, 2006. Blue Crab Spawning - prepared by Steven C. Zinski, 3p. http://www.blue-crab.org/spawning.htm (June 2006)

Bolten, A. B.; Bjorndal, K. A.; Martins, H. R.; Dellinger, T.; Biscoito, M. J.; Encalada, S. E., and Bowen, B. W., 1998. Transatlantic developmental migrations of loggerhead sea turtles demonstrated by mtDNA sequence analysis. *Ecological Applications* 8:1-7.

Bolten, A.B. and B.E. Witherington, 2003. Loggerhead Sea Turtles, Geographic Distribution, Abundance, and Population Status. In: Lutz, P.L. and Musick, J.A. (eds.) The Biology of Sea Turtles, CRC Press, New York, 10: 168-170, 16: 255-273.

Bowman, M.L., and R. Dolan, 1985. The relationship of *Emerita talpoida* to beach characteristics. *Journal of Coastal Research*. 1:2:151-163.

Brewer, S., 2005. US Marine Corps Camp Lejeune, North Carolina, Director, Environmental Management. Personal communication regarding threatened and endangered species on Onslow Beach.

Brinkley, B., 2007. Riverside Sand Company, Wallace, North Carolina. Personal communication regarding volume of material in upland sand pit.

Broome, S. W. 2007 Restoration and Management of Coastal Dune Vegetation. NC State University, Department of Soil Science.

http://www.soil.ncsu.edu/lockers/Broome_S/ram.html. Last visited August 15, 2007.

Brown, S.; C. Hickey; B. Harrington, and R. Gill (eds.), 2001. The U.S. Shorebird Conservation Plan, 2nd ed. Manomet Center for Conservation Sciences, Manomet, MA.

Burger, J. 1987. Physical and social determinants of nest site selection in Piping Plover (*Charadrius melodus*) in New Jersey. *Condor*, 89, pp.811-818.

Burger, J. 1991. Foraging Behavior and the effect of human disturbance on the Piping Plover (*Charadrius melodus*). *Journal of Coastal Research* Vol.7 pp.39-52.

Burger, J., 1994. The effect of human disturbance on foraging behavior and habitat use in Piping Plover (*Charadrius melodus*). *Estuaries* Vol. 17, no. 3, pp.695-701.

Burlas, M., Ray, G., Clarke, D., DynTel Corporation Staff, B.A. Vittor and Associates, Staff, 2001. The New York District's Biological Monitoring Program for the Atlantic Coast of New Jersey, Asbury Park to Manasquan Section Beach Erosion Control Project – Final Report. Vicksburg, MS: US Army Corp of Engineers, Engineer Research and Development Center.

http://www.usace.army.mil/civilworks/hot_topics/ht_2001/beachnourishment.htm http://www.nan.usace.army.mil/business/prjlinks/coastal/asbury/index.htm

Burleson, L., 2009. Town Manager, North Topsail Beach. Personal communication regarding the removal of threatened homes on North Topsail Beach.

Burrel, I.V.G., Jr., 1986. Species Profiles: Life Histories and Environmental Requirements of Coastal Fishes and Invertebrates (South Atlantic)—American Oyster. U.S. Fish and Wildlife Service. Biol. Rep. 82(11.57). U.S. Army Corps of Engineers TR EL-82-4. 17 pp.

Cameron, S., E.L. Rice., D.H., Allen, 2004 Survey of Nesting Colonial Waterbirds in the North Carolina Coastal Zone along with an Updating of the Colonial Waterbird Database. Final Report to the U. S. Army Corps of Engineers, Wilmington District. 14pp.

Cameron, S., 2005-2006. Personal communication regarding development of the Bird Monitoring Plan and occurrence and distribution of piping plovers, shorebirds and waterbirds in the vicinity of North Topsail Beach and Onslow Beach, North Carolina. Waterbird Biologist, North Carolina Wildlife Resource Commission.

Cameron, S., 2006. North Carolina Wildlife Resource Commission, Waterbird Biologist. Personal Communication regarding occurrence and distribution of piping plovers, shorebirds and waterbirds in the vicinity of New River Inlet.

294

Final EIS: December 2009

Caron, F., 2001. The Atlantic Sturgeon is slowly yielding up the secrets of its movements in the St Lawrence. *Le Flueve magazine*. 12(3): 1-3.

Caroon, C., 2002. North Carolina Division of Marine Fisheries Shellfish Mapping Program. Personal Communication regarding map C004.

Carpenter, S.; N.F. Caraco; D.L. Correll; R.W. Howarth; A.N. Sharpley; V.H. Smith., 1998. Nonpoint Pollution of Surface Waters with Phosphorous and Nitrogen. *Issues in Ecology*, Vol. 3.

Carr, A., 1967. So excellent a Fish, Natural History Press, Garden City, NY, 249 Carteret County, 1999a. 1996 CAMA Land Use Plan: Section 1. http://www.co.carteret.nc.us/departments/planning/cama/section1.pdf

Carr, A. 1987. New Perspectives on the pelagic stage of sea turtle development. Conservation Biology 1:103.

Carteret County, 1999. 1996 Coastal Area Management Act Land Use Plan. http://www.co.carteret.nc.us/departments/planning/cama/

CCSP, 2009. Synthesis and Assessment Product 4.1: Coastal Sensitivity to Sea-Level Rise: A Focus on the Mid-Atlantic Region. A report by the U.S. Climate Change Program and the Subcommittee on Global Change Research. [J. G. Titus (Coordinating Lead Author), E. K. Anderson, D. Cahoon, S. K. Gill, R. E. Thieler, J. S. Williams (Lead Authors)], U.S. Environmental Protection Agency, Washington, D.C. (http://www.climatescience.gov/Library/sap/sap4-1/final-report/default.htm

Cleary, W.J., 1996. Inlet Induced Shoreline Changes: Cape Lookout – Cape Fear. In: Environmental Coastal geology: Cape Lookout to Cape Fear, NC. Edited by Clearly, W.J., Carolina Geological Society Field Trip Guidebook, 138 p.

Cleary, W.J.; P.E. Hosier, and J. Wells, 1976. Genesis and significance of marsh islands in southeastern North Carolina lagoons. *Journal of Sedimentary Petrology*, Vol. 49, Pp. 703-710.

Cleary, W.J. and P.E. Hosier. 1979. Geomorphology, washover history, and inlet zonation: Cape Lookout, N.C. to Bird Island, N.C. In: S.P. Leatherman (ed.), Barrier Islands from the Gulf of St. Lawrence to the Gulf of Mexico. Academic Press, NY. p. 237-271.

Cleary, W.J. and Hosier, P.E., 1987. Onslow Beach, North Carolina: morphology and stratigraphy. *Proceedings Coastal Sediments '87* (New Orleans) (ASCE), pp. 1745-1759.

Cleary, W. J.; J. William; A. McLeod; M. A. Rauscher; M. K. Johnston; S. R. Riggs, 2000. Beach Nourishment on Hurricane Impacted Barriers in Southeastern North Carolina, USA: Targeting Shoreface and Tidal Inlet Sand Resources, *Journal of Coastal Research*, Special Issue Vol. 34.

Cleary, W.J.; A. McLeod; M.A. Rauscher; M.K. Johnston, and S.R. Riggs, 2001. Beach nourishment on hurricane impacted barriers in southeastern North Carolina, USA: Targeting shoreface and tidal inlet sand resources. In: Healy, T.R. (ed.), Challenges for the 21st Century in Coastal Science, Engineering and Environment, International Coastal Symposium 2000, *Journal of Coastal Research* Special Issue, Vol. 34, pp.232-255.

Coyne, M. S. and B. J. Godley. 2005. Satellite Tracking and Analysis Tool (STAT): an integrated system for archiving, analyzing and mapping animal tracking data. *Marine Ecology Progress Series*: 301:1-7.

Conant, T., 1993. Humpback Whale: *Megaptera novaeangliae*. In Wildlife Profiles. Division of Conservation Education, North Carolina Wildlife Resources Commission, Raleigh, NC.

Conrad, B. 2007. North Carolina Division of Marine Fisheries. Personal communication regarding shellfish habitat mapping surveys conducted in the vicinity of New River.

Cornelius, W., October 2006. North Carolina Division of Air Quality. Personal Communication.

Courtenay, W. R., Jr., Hartig, B. C., and Loisel, G. R., 1980. Ecological evaluation of a beach nourishment project at Hallandale (Broward County), Florida: Evaluation of Fish Populations Adjacent to Borrow Areas of Beach Nourishment Project, Hallandale (Broward County), Florida. Fort Belvoir, VA: Coastal Engineering Research Center, U.S. Army Corps of Engineers, Volume I, Miscellaneous Report 80-1(I), 23pp.

Cowardin, L.M.; V. Carter; F.C. Golet; and E.T. LaRoe, 1979. Classification of wetlands and deepwater habitats of the United States. U.S. Fish and Wildlife Service, Biological Services Program, Washington, D.C.

Cox, S., August 2007. North Topsail Beach, Capital Projects Coordinator. Personal Communication regarding structural and property values of imminently threatened structures along North Topsail Beach, and project funding sources.

Craft, C., 2007: Freshwater input structures soil properties, vertical accretion, and nutrient accumulation of Georgia and U.S. tidal marshes. *Limnology and Oceanography*, 52(3), 1220-1230.

Crowson, R.A. 1980. Masters Thesis – Nearshore rock exposures and their relationship to modern sedimentation, Onslow Bay, NC. Greenville, NC: East Carolina University, 128pp.

CPE (Coastal Planning & Engineering, Inc.), 2004. Feasibility Study for the Shore Protection of the Town of North Topsail Beach. North Topsail Beach, NC.

Coastal Planning & Engineering, Inc. 2004a. CPE Rolls Out the BEAMR (Benthic Ecological Assessment for Marginal Reefs): A Standardized Marine Resource Benthic Cover Assessment

CPE (Coastal Planning & Engineering, Inc.), June 2006. North Topsail Beach Shoreline Protection Project - Draft Essential Fish Habitat Assessment. Prepared for the Town of North Topsail Beach, North Carolina.

CPE (Coastal Planning & Engineering, Inc.), 2009. Collier County Beach Renourishment Project: Two Year (2008) Post-Construction Biological Monitoring Report. Boca Raton, Florida: Coastal Planning & Engineering, Inc. (Prepared for Collier County).

CPENC (Coastal Planning & Engineering of North Carolina, Inc.), 2007. Draft Environmental Impact Statement for North Topsail Beach Shoreline Protection Project

Craft, C.B., Seneca, E.D. and Broome, S.W. 1993. Estuarine Coastal and Shelf Science 37, 371.

Crowson, R.A. 1980. Nearshore rock exposures and their relationship to modern shelf sedimentation, Onslow Bay, North Carolina. Greenville, North Carolina: East Carolina University, Master's Thesis, 128p.

CSE (Coastal Science and Engineering), 2001. Coastal Science and Engineering, PLLC, Final Environmental Assessment – Bogue Banks Beach Renourishment Project, Carteret County, North Carolina, October 19, 2001. Prepared for the U.S. Army Corps of Engineers – Wilmington District.

Dadswell, M.J., B.D. Taubert, T.S. Squiers, D. Marchette and J. Buckley. 1984. Synopsis of biological data on shortnose sturgeon (*Acipenser brevirostrum*, LeSueur 1818). NOAA Tech. Rept. NMFS 14. 45 p.

Dean, C. 1999. Against the tide. Columbia University Press, New York, USA.

Deaton, A., 2005. Personal communication regarding SAV occurrence in the vicinity of New River Inlet and Topsail Island. Marine Biologist. North Carolina Division of Marine Fisheries.

De Groot, S.J., 1979a. An assessment of the potential environmental impact of large-scale sand-dredging for the building of artificial islands in the North Sea. *Ocean Management*, 5, 211-232.

De Groot, S.J.,1979b. The potential impact of marine gravel extraction in the North Sea. *Ocean Management*, 5, 233-249.

DeVictor, S.T., 2006. *Leptogorgia virgulata* (sea whip), *L. hebes* (regal sea fan), and their associates. Southeastern Regional Taxonomic Center, http://www.dnr.sc.gov/marine/sertc/Leptogorgia.pdf.

Diaz, H. 1980. The mole crab *Emerita talpoida* (Say): a case of changing life history pattern. *Ecological Monographs*. 50: 437–456.

Dinsmore, S.J., J.A. Collazo, and J.R. Walters, 1998. Seasonal numbers and distribution of shorebirds on North Carolina's Outer Banks. *Wilson Bulletin* 110(2). Pp. 171-181

Dompe, P.E. and D.M. Haynes, 1993. Turbidity Data: Hollywood Beach, Florida, January 1990 to April 1992. Coastal and Oceanographic Engineering Department, University of Florida: Gainesville. UF/COEL – 93/002.

Donnelly, C., N. Kraus and M. Larson. 2006. State of knowledge on measurement and modeling of coastal overwash. *Journal of Coastal Research* Vol. 22(4): Pp.965-991.

Ehrhart, L.M., 1983. Marine turtles of the Indian River Lagoon system. *Florida Scientist*. Vol. 46, Pp. 337-346.

Ellers, O., 1995. Behavioral Control of Swash-Riding in the Clam *Donax variabilis*. *Biology. Bulletin* Vol. 189: Pp. 120-127.

Epperly, S.P.; J. Braun; A. J. Chester; and A. Veishlow, 1990. Sea turtle species composition and distribution in the inshore waters of North Carolina, submitted to U.S. Fish and Wildlife Services.

Epperly, S.P.; J. Braun; A. Veishlow, 1995. Sea Turtles in North Carolina Waters, *Conservation Biology*, Vol. 9 (2), Pp. 384-394.

Epperly, S.P.; J. Braun; A.J. Chester; F.A. Cross; J.W. Merriner; and P.A. Tester, 1995a. Winter distribution of sea turtles in the vicinity of Cape Hatteras and their interaction with the summer flounder trawl fishery, *Bulletin of Marine Science*, Vol. 56(2), Pp. 547.

Epperly, S.P.; Braun, J., and Chester, A.J., 1995b. Aerial surveys for sea turtles in North Carolina inshore waters, *Fishery Bulletin*, 93: 254-261.

Everhart, S. 2007. North Carolina Wildlife Resource Commission, Southern Coastal Permit Review Coordinator. Personal communication regarding comments received on the Preliminary Draft Environmental Impact Statement for the North Topsail Beach Shoreline Protection Plan as well as 2007 leatherback turtle nest records.

Eversole, A.G., 1987. Species Profiles: Life Histories and Environmental Requirements of Coastal Fishes and Invertebrates (South Atlantic)—Hard Clam. U.S. Fish and Wildlife Service. Biol. Rep. 82(11.75). U.S. Army Corps of Engineers, TR EL-82-4. 33pp.

Fay, C.W.; Neves, R.J., and Pardue, G.B., 1983. Species Profiles: Life Histories and Environmental Requirements of Coastal Fishes and Invertebrates (Mid-Atlantic) – Bay Scallop. U.S. Fish and Wildlife Service, Division of Biological Services, FWS/OBS-82/11.12. U.S. Army Corps of Engineers, TR EL-82-4. 17pp.

Field, D., 2006. Personal communication regarding the occurrence of SAV communities in the vicinity of New River Inlet, North Carolina. NOAA Center for Coastal Fisheries and Habitat Research.

Finkbeiner, M., Stevenson, B., and Seaman, R. 2001. *Guidance for benthic habitat mapping: an aerial photographic approach.*, Charleston, SC. NOAA/National Ocean Service/Coastal Services Center, (NOAA/CSC/20117-PUB).

FishBase, April 2003. http://www.fishbase.org/

Fletmeyer, J.R., 1978. Underwater tracking evidence that neonate loggerhead sea turtles seek shelter in drifting Sargassum, *Copeia*, 1: 148.

FFWCC (Florida Fish and Wildlife Conservation Commission, Fish and Wildlife Research Institute), 2006. Environmental Sensitivity Index: North Carolina. http://ocean.floridamarine.org/efh_coral/pdfs/Habitat_Plan/HabitatPlanAppB15-27.pdf

Fraser, J.D., S.E. Keane, and P.A. Buckley. 2005. Prenesting use of intertidal habitats by piping plovers on South Monomoy Island, Massachusetts. *Journal of Wildlife Management*. Vol.69(4): Pp. 1731-1736.

Gilbert, Carter R., 1989. Species Profiles: Atlantic and Shortnose Sturgeons. Biological Report. 82 (11.122), TR EL-82-4. Performed for USACE & USFWS.

Giles, J. August 2007. North Carolina Division of Coastal Management, Field Representative. Personal communication regarding the number of issued permits for sandbags along the shoreline of North Topsail Beach.

Godfrey, M., 2002-2003. North Carolina Wildlife Resource Commission, Sea Turtle Biologist. Personal communication regarding the occurrence and distribution of sea turtles around Bogue Inlet and the southeastern United States.

Godfrey, M., 2006. North Carolina Wildlife Resource Commission, Sea Turtle Biologist. Personal communication regarding the occurrence and distribution of sea turtles around New River Inlet.

Golden, D. July 1, 2000. Onslow County Information Fact Sheet – Onslow County / Jacksonville, N.C. "All American City", www.onslowcountyschools.org

Greene, K. (2002). "Beach nourishment: A review of the biological and physical impacts," ASMFC Habitat Management Series #7. Atlantic States Marine Fisheries Commission, Washington DC 174 pp.

GWPC (Ground Water Protection Council Online), 2003. North Carolina Ground Water Conditions. www.gwpc.org/

Hague, E.A. and Carter, A., 2007. Town of Emerald Isle, North Carolina Bogue Inlet Channel Relocation Project, Summary of Macroinvertebrate/Infaunal 2006 Post-Construction Sampling Events. Boca Raton, Florida: Coastal Planning & Engineering, Inc. 10p. (Prepared for the Town of Emerald Isle, North Carolina).

Hancock, T.E. and Hosier, P.E., 2003. Ecology of the threatened species *Amaranthus pumilus* Rafinesque. Castanea 68(3): 236-244.

HDR Engineering Inc. of the Carolinas, 2002. An Assessment of the Availability of Beach Fill Quality Sand Offshore North Topsail Beach and Surf City, NC. Raleigh, North Carolina: *Final Report to the USACE, Wilmington District Office,* 41p and appendices.

Hendrickson, J.R., 1982. Nesting behavior of sea turtles with emphasis on physical and behavior determinants of nesting success or failure. In: Bjorndal, K., (ed.) Biology and Conservation of Sea Turtles. Smithsonian Institution Press, Washington, D.C., 53 p.

Hirth, H. F., 1997. Synopsis of biological data on the green turtle *Chelonia mydas* (Linnaeus, 1758). 97(1), U.S. Dept. of the Interior, Fish and Wildlife Service.

Howarth, R.; D. Anderson; J. Cloern; C. Elfring; C. Hopkinson; B. Lapointe; T. Malone; N. Marcus; K. McGlathery; A. Sharpley; and D. Walker. 2000. The Ecological Society of America Science Office: Nutrient Pollution of Coastal Rivers, Bays, and Seas. *Issues in Ecology*, Vol. 7.

Howarth, R.W.; A. Sharpley and D. Walker, August 2002. Sources of Nutrient Pollution to Coastal Waters in the United States: Implications for Achieving Coastal Water Quality Goals. *Estuaries*, Vol. 25 (4b), pp. 656-676.

Humphrey, R.C. 1990. Status and range expansion of the American oystercatcher on the Atlantic coast. Transactions of the Northeast Section of the Wildlife Society. 47:54-61.

Humphrey, S.R., 1992. Rare and Endangered Biota of Florida, Volume I. Mammals. Pp. 190-198.

Hunter, W. C.; Collazo, J.; Noffsinger, B.; Winn, B.; Allen, D.; Harrington, B.; Epstein, M.; and Saliva, J. 2000. Southeastern Coastal Plain – Carribean regional shorebird plan, Version 1. US Fish & Wildlife Service, Atlanta, GA.

Hunter, W.C.; Peoples, L.H., and Collazo, J.A., 2001. Partner's in Flight Bird Conservation Plan for the South Atlantic Coastal Plain. 53 pp.

IPCC, 2007. Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change [Solomon, S., D. Qin, M. Manning, Z. Chen, M. Marquis, K.B. Averyt, M. Tignor and H.L. Miller (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA.

Jarrett, T. 1976. "Tidal Prism-Inlet Area Relationships". GITI Report 3. USACE Waterways and Experimental Station, Vicksburg, MS.

Johns, M.E. 2004. North Carolina Bird Species Assessment. N.C. Partners in Flight.

Johnston, M.K., 1998. Inherited Geologic Framework of the New River Submarine Headland Complex, North Carolina, and Its Influence on Modern Sedimentation. Wilmington, North Carolina: University of North Carolina at Wilmington, Master's thesis, 87 p.

Jolls, C.L.; Wigent, C.A., and Sellars, J.D., 2003. Success of Seabeach Amaranth (*Amaranthus pumilus* Raf.) Using Habitat Selection Based on Light Detection and Ranging (LIDAR) Data. Proceedings of the 3rd Biennial Coastal GETools Conference.

KBSTRRC (Karen Beasley Sea Turtle Rescue and Rehabilitation Center), 2006. Topsail Turtle Project. http://www.seaturtlehospital.org/nest.htm

Keinanth, J.A.; Musick, J.A., and Byles, R.A., 1987. Aspects of the biology of Virginia's sea turtles: 1979-1986, *Virginia Journal of Science*, Vol. 38: Pp. 329-336.

Keuper-Bennett, U. and Bennett, P., April 2004. Kemp's Ridley (*Lepidochelys kempi*), Turtle Trax, www.turtles.org. Last updated July 18, 2007.

Klinger, R.C. and Musick, J.A., 1995. Age and growth of loggerhead turtles (*Caretta caretta*) from Chesapeake Bay, *Copeia*, 1995(1): 204.

Kushlan, J.A. and M.J. Steinkamp, 2002. Waterbird Conservation for the Americas: The North American Waterbird Conservation Plan, Version 1. Waterbird Conservation for the Americas, Washington, D.C., U.S.A., Pp. 78.

Lalancette, J.L., 1984. The effects of dredging on sediments, plankton and fish in the Vauvert area of lake St. Jean, Quebec (Canada). *Hydrobiologie*, 99, 463-477.

Leatherman, Stephen P., 1982, Barrier island handbook: Maryland, University of Maryland, 109

LeGrand, H., December 2007. North Carolina National Heritage Program. Personal communication regarding diamondback terrapin habitat.

Leonard, L., 2007. Coastal Hydrology and Sedimentology Laboratory, Professor, University of North Carolina at Wilmington. Personal communication regarding inorganic sediment deficits in salt marsh.

Leuttich *et al*, 1992. Leuttich, R.A., Westerink, J.J., Blain, C.A., Scheffner, N.W., US Army Corps of Engineers Waterways Experiment Station, ADCIRC: An Advanced Three-Dimensional Circulation Model for Shelves, Coasts, and Estuaries, Reports 1 and 2, 1992.

Limpus, C.J.; Fleay, A., and Guinea, M., 1984. Sea Turtles of the Capricorn Section, Great Barrier Reef. In: Ward, W.T. and Saenger, P. (eds.), Capricorn Section of the Great Barrier Reef: Past, Present and Future. Society of Queensland and the Australian Coral Reef Society, Brisbane, Australia. 61 p.

Limpus, C.J., 1985. A study of the loggerhead sea turtle, *Caretta caretta* in Eastern Australia, Ph.D. dissertation, University of Queensland, St. Lucia, Australia.

Lutcavage, M. and Musick, J.A., 1985. Aspects of the biology of sea turtles in Virginia, *Copeia*, 2: 449.

Lutz, P.L. and Musick, J.A., 1997. Habitat Utilization and Migration in Juvenile Sea Turtles (eds.) *The Biology of Sea Turtles*, CRC Press, New York.

Lyon, Steve. Chief Warrant Officer. US Coast Guard. Personal communication regarding the navigability of New River Inlet.

Macartney, D., 2007. North Topsail Beach, Chairman of the Beach Nourishment Committee. Personal communication regarding financial sources of funds for the Shoreline Protection Project.

Mallin, M.; Burkholder, J.M.; Cahoon, L.B., and Posey, M.H., 2000. North and South Carolina Coasts. *Marine Pollution Bulletin*, Vol. 41(1): Pp. 56-75.

Mallin, M.A.; M.R. McIver; H.A. Wells; D.C. Parsons; and V.L. Johnson, April 2005. Water Quality Improvements Following Sewage Treatment Upgrades in the New River Estuary, North Carolina. 2005 WRRI Conference Proceedings. http://www2.ncsu.edu/ncsu/wrri/conference/2005ac/abstracts/Mallin.pdf

Marquez, M. R., 1994. Synopsis of biological data on the Kemp's ridley turtle, *Lepidochelys kempi* (Garman, 1880). NOAA Tech Mem. NMFS-SEFC-343.

MCCS (Manomet Center for Conservation Sciences), 2003. International Shorebird Survey. http://www.shorebirdworld.org

McIntosh, G., 2009. Project Manager, USACE. Personal communication regarding the anticipated time frame for the implementation of the Surf City and North Topsail Beach Shore Protection Project.

Mercer, S., 2007. Coastal Transplants, Owner and Vice President. Personal communication regarding North Topsail Beach dune management information from 2000 to 2007.

Mid-Atlantic Technology and Environmental Research, Inc. (MATER), 2005. An Archeological Remote Sensing Survey of Surf City-North Topsail Beaches Offshore Borrow Areas. Prepared for the USACE Wilmington District. Wilmington, North Carolina, 51p.

Mihnovets, A.N., February 2003. 2002 Sea Turtle Monitoring Project Report, Bogue Banks, North Carolina, Provisional Report, North Carolina Wildlife Resources Commission.

Miller, J.D., 1997. Reproduction in Sea Turtles. In: Lutz, P.L. and Musick, J.A. (eds.), The Biology of Sea Turtles, CRC Press. Boca Raton, Fig. 51-82.

Mitchell, N.D.; M.R. Dardeau; W.W. Schroeder; A.C. Benke, 1992. Secondary production of gorgonian corals in the northern Gulf of Mexico. *Marine Ecology Progress Series*, Vol. 81, pp. 275-281.

Mortimer, J.A., 1982. Factors influencing beach selection by nesting sea turtles. In: Bjorndal, K. (ed.), Biology and conservation of Sea Turtles. Smithsonian Institution Press, Washington, D.C., 45 p.

Mortimer, J.A. 1982. Feeding ecology of sea turtles, in Biology and Conservation of Sea Turtles.

Mortimer, J.A. 1995. Feeding Ecology of Sea Turtles, p. 103-109. *In*: K.A. Bjorndal (Editor). Biology and Conservation of Sea turtles, Smithsonian Institution Press, Washington, D.C.

Munoz-Perez, J. J., J. M. Gutierrez-Mas, J. M. Parrado, and L. Moreno. 1999. Sediment transport velocity by tracer experiment at Regla Beach (Spain). Journal of Waterway, Port, Coastal, and Ocean Engineering, ASCE: 332-335.

Musick, J.A. and C.J. Limpus, 1997. Habitat Utilization and Migration in Juvenile Sea Turtles, In Lutz, P.L. and Musick, J.A. (eds.) *The Biology of Sea Turtles*, CRC Press, New York.

National Audubon Society, 2006. Colonial Waterbirds of North Carolina. www.audubon.org/chapter/nc/ColonialWaterbirds_list.html

NCCF (North Carolina Coastal Federation), 2007. Description of Estuary Habitats. State of the Coast Report.

<u>www.woodrow.org/teachers/esi/1998/r/coastal/coastalsites.htm</u> Last visited October 10, 2007.

NCDCM (North Carolina Division of Coastal Management), September 2003. CAMA Handbook for Development in Coastal North Carolina. http://dcm2.enr.state.nc.us/Handbook/contents.htm

NCDCM (North Carolina Division of Coastal Management), 2006. CAMA Rules and Policies, North Carolina Dredge and Fill Law Section 13-229. Permits to dredge or fill in or about estuarine waters or State-owned lakes. http://dcm2.enr.state.nc.us/Rules/dredgefill.htm

NCDCM (North Carolina Division of Coastal Management), 2006a. CAMA Handbook for Development in Coastal North Carolina. http://dcm2.enr.state.nc.us/Handbook/contents.htm

NCDCM (North Carolina Division of Coastal Management), 2007a. 15A NCAC 07H .0308 Specific Use Standards for Ocean Hazard Areas.

http://ncrules.state.nc.us/ncac/title%2015a%20-

%20environment%20and%20natural%20resources/chapter%2007%20-

%20coastal%20management/subchapter%20h/15a%20ncac%2007h%20.0308.html

NCDCM (North Carolina Division of Coastal Management), 2008. 15A NCAC 07H .0312 Technical Standards for Beach Fill Projects. Rule as adopted by the CRC on 1/18/2007 (with changes, as published in 21:03 NCR 263), effective 2/1/2007. http://ncrules.state.nc.us/ncac/title%2015a%20-

%20environment%20and%20natural%20resources/chapter%2007%20-

%20coastal%20management/subchapter%20h/15a%20ncac%2007h%20.0312.html

NCDHNR Staff (North Carolina Department of Health and Natural Resources), 1981. Registry of Natural Heritage Areas. Morehead City, North Carolina: North Carolina Division of Marine Fisheries.

NCDMF (North Carolina Division of Marine Fisheries), August 2001a. North Carolina Hard Clam Fishery Management Plan. North Carolina Department of Environment and Natural Resources, 158 pp.

NCDMF (North Carolina Division of Marine Fisheries), July 2003a. North Carolina Bay Scallops. http://www.ncdmf.net/habitat/scallops.htm

NCDMF (North Carolina Division of Marine Fisheries), 2003b. Stock Status of Important Coastal Fisheries in North Carolina. http://www.ncfisheries.net/stocks/index.html

NCDMF (North Carolina Division of Marine Fisheries), July 2003c. North Carolina Hard Clams. http://www.ncdmf.net/habitat/hardclam.htm

NCDMF (North Carolina Division of Marine Fisheries Staff), 2004. North Carolina Fishery Management Plan - Blue Crab. Morehead City, North Carolina: North Carolina Department of Environment and Natural Resources, 671p. http://www.ncfisheries.net/download/BlueCrabFMP2004.pdf (May 2006)

NCDMF (North Carolina Division of Marine Fisheries Staff), 2005. North Carolina Fishery Management Plan – Southern Flounder (*Paralichthys lethostigma*). Morehead City, North Carolina: North Carolina Department of Environment and Natural Resources, 360p.

http://www.ncfisheries.net/download/SouFlouFMP.pdf (May 2006)

NCDMF (North Carolina Division of Marine Fisheries Staff), 2005a. Draft North Carolina Fishery Management Plan – Shrimp. Morehead City, North Carolina: North Carolina Department of Environment and Natural Resources, 385p. http://www.ncfisheries.net/download/shrimpfmp2004draft1d.pdf (May 2006)

NCDMF (North Carolina Division of Marine Fisheries Staff), 2005b. Stock Status. Morehead City, North Carolina: North Carolina Division of Marine Fisheries. www.ncfisheries.net/stocks/index.html (June 2006)

NCDPR (North Carolina Division of Parks and Recreation), 2002. Natural Heritage Program, Significant Natural Heritage Areas. http://www.cgia.state.nc.us/cgdb/index.html .

NCDWM (North Carolina Division of Waste Management), 2006. An update of the North Carolina Solid Waste Management Plan 2003 to 2013. http://www.wastenotnc.org/swhome/Planning/chapter_1_rev_bradCB.pdf

NCDWQ (North Carolina Division of Water Quality), October 2001. White Oak River Basin Water Quality Plan.

http://h2o.enr.state.nc.us/basinwide/whiteoak/2001/documents/WOKEntirePlan2001.pdf

NCDWQ (North Carolina Division of Water Quality), April 2003. "Redbook" Surface Water and Wetland Standard (North Carolina Administrative Code 15A NCAC 02B .0100 & .0200. pp. 127.

http://h2o.enr.state.nc.us/admin/rules/rb040103.pdf

NCDWQ (North Carolina Division of Water Quality), 2006. CSU Surface Water Classification. http://h2o.enr.state.nc.us/csu/swc.html#HQW

NCFWS (North Carolina Fish and Wildlife Service Staff), 2006. Seabeach Amaranth (*Amaranthus pumilus*). Raleigh, NC: U.S. Fish and Wildlife Service, North Carolina Ecological Services, 3p.

http://nc-es.fws.gov/plant/seabamaranth.html Last visited June 2006.

NCNHP (North Carolina Natural Heritage Program), 2006. http://www.ncsparks.net/nhp/search.html

NCNHP (North Carolina Natural Heritage Program Staff), 2006a. Quad and County Status List of the elements of natural diversity (rare plant and animal species, exemplary natural communities, and special animal habitats) known to occur in North Carolina. Raleigh, North Carolina. Web page updated May 4, 2006. http://207.4.179.38/nhp/

NCWRC (North Carolina Wildlife Resources Commission). 2005. *North Carolina Wildlife Action Plan*. Raleigh, NC. http://www.ncwildlife.org/Plan/documents

NCWRC (North Carolina Wildlife Resources Commission – Division of Enforcement), 2005. Report of Boating Accidents and Fatalities, Boating Safety Statistics. http://www.ncwildlife.org/pg05_BoatingWaterways/Boating_accident05.pdf

Nelson, W.G., 1985. Physical and Biological Guidelines for Beach Restoration Projects. Part 1. Biological Guidelines. Report No. 76. Florida Sea Grant College, Gainesville.

NEP (National Estuary Program), 2007. U.S. Environmental Protection Agency. http://www.epa.gov/nep/about1.htm

Nicholls, J.L. and Baldassarre, G. A. 1990 Habitat selection and interspecific associations of Piping Plovers along the Atlantic and Gulf Coasts of the United States. Wilson Bulletin 102:581-590.

NMFS (National Marine Fisheries Service), November 1991a. Final Recovery Plan for the Humpback Whale (*Megaptera novaeangliae*). Prepared by the Humpback Whale Recovery Team for the National Marine Fisheries Service, Silver Spring, Maryland. 105 pp.

NMFS (National Marine Fisheries Service), December 1991b. Recovery Plan for the Northern Right Whale (*Eubalaena glacialis*). Prepared by the Right Whale Recovery Team for the National Marine Fisheries Service, Silver Spring, Maryland.

NMFS (National Marine Fisheries Service), 1997. Regional Biological Opinion for the Continued Hopper Dredging of Channels and Borrow Areas in the Southeastern United States. U.S. Department of Commerce, National Oceanic and Atmospheric Administration, Silver Spring, Maryland.

NMFS (National Marine Fisheries Service), April 1999. Final Fishery Management Plan for Atlantic Tuna, Swordfish and Sharks, Chapter 5, p.33.

NMFS (National Marine Fisheries Service, Staff), 2006. Habitat Types. Silver Spring, MD: National Marine Fisheries Service, Office of Habitat Conservation – Habitat Protection Division.

http://www.nmfs.noaa.gov/habitat/habitatprotection/hptype/hptype8.htm (Mudflats - June 2006).

NMFS (National Marine Fisheries Service), 2006. NOAA Fisheries, Office of Protected Resources, Right Whales (*Eubalaena glacialis / Eubalaena australis*) http://www.nmfs.noaa.gov/pr/species/mammals/cetaceans/rightwhale

NMFS and USFWS (National Marine Fisheries Service and U.S. Fish and Wildlife Service), 1991. Recovery Plan for U.S. Population of Loggerhead Turtle. National Marine Fisheries Service, Washington, D.C.

NMFS and USFWS (National Marine Fisheries Service and U.S. Fish and Wildlife Service), 1992. Recovery Plan for Leatherback Turtles in the U.S. Caribbean, Atlantic and Gulf of Mexico. National Marine Fisheries Service, Washington, D.C.

NMFS and USFWS (National Marine Fisheries Service and U.S. Fish and Wildlife Service), 1993. Recovery Plan for Hawksbill Turtles in the U.S. Caribbean, Atlantic and Gulf of Mexico. National Marine Fisheries Service, St. Petersburg, Florida.

NOAA, 2003. Environmental Sensitivity Index: North Carolina. Vol. 1. http://oceanservice.noaa.gov/mapfinder/products/esi/Descriptive Files/NC Intro.pdf

NOAA (National Oceanic and Atmospheric Administration Staff), 2005. Estuarine Living Marine Resources (ELMR) – Database. NOAA's National Center for Coastal Ocean Science (NCCOS). Biogeography Team Coral Reef Ecosystem Assessment and Monitoring Database. August 2005.

http://www8.nos.noaa.gov/biogeo_public/elmr.aspx (May 2006)

NOAA (National Oceanic and Atmospheric Administration Staff), 2006. Climate of 2005 – Atlantic Hurricane Season. Asheville, North Carolina: National Climatic Data Center web site July 2006.

http://www.ncdc.noaa.gov/oa/climate/research/2005/hurricanes05.html

North Carolina Aquariums, November. 1997. Ask the Aquarium: Are Whales Found off the Coast of North Carolina? http://www.aquariums.state.nc.us/

North Carolina State Demographics, 2006. Municipal Estimates by County. http://demog.state.nc.us/

North Topsail Beach Board of Alderman, 2007. North Topsail Beach Revenues Fiscal Year 2007 – 2008, 16 cents tax rate. http://www.north-topsail-beach.org/board_minutes/2007-08/2007_2008_Proposed_Budget.pdf. Last visited 15 August 2007.

NPS (National Park Service), 2000. 1999 Colonial Waterbird Breeding Summary Cape Hatteras National Seashore, with an Overview of Population Trends in North Carolina. U.S. Department of the Interior.

http://www.nps.gov/caha/colon_bird.htm.

NPS (National Park Service), July 2007. National Park Service and North Carolina State University Present the American Oystercatcher.

http://www.nps.gov/caha/parknews/national-park-service-and-north-carolina-state-university-present-the-american-oystercatcher.htm

NRC (National Research Council), 1995. Beach Nourishment and Protection, 107-121. National Academy Press, Washington, D.C.

NTBTC (North Topsail Beach Town Code), 1990. Corporate Boundaries, Section 2.1 Town Boundary, Chapter 2, Page 2.

OBTF (Outer Banks Task Force), November 2006. http://www.obtf.org/specialconcerns/seaturtles/seaturtles.html

O'Brien, M.P., 1969. "Equilibrium Flow Areas of Inlets on Sandy Coasts". Journal of Waterways and Harbors, ASCE, Vol. 95, NO WWI, pp 43-53

Onslow County, 2007. Onslow County Geographic Information Systems. http://maps.onslowcountync.gov/. Last visited 15 August 2007.

Parnell, J.F.; Golder, W.W., and Henson, T.M., 1994. Atlas of Colonial Waterbirds of North Carolina Estuaries (UNC-SG-95-02) Pp. 117.

Pashley, D. N.; Beardmore, C.J.; Fitzgerald, J.A.; Ford, R.P.; Hunter, W.C.; Morrison, M.S.; Rosenberg, K.V. 2000. Partners in Flight: Conservation of the land birds of the United States. American Bird Conservancy, The Plains, VA.

Pearsall, S.H., III, and B. Poulter, 2005: Adapting coastal lowlands to rising seas: a case study. In: *Principles of Conservation Biology* [Groom, M.J., G.K. Meffe, and C.R. Carroll (eds.)]. Sinauer Associates, Sunderland, MA, 3rd edition, pp. 366-370.

Peterson C.H., Bishop M.J., Johnson, G.A., D'Anna, L.M., Manning, L.M. 2006. Exploiting beach filling as an unaffordable experiment: Benthic intertidal impacts propagating upwards to shorebirds. *Journal of Marine Biology and Ecology* Vol. 338, Pp. 205-221.

Peterson, C.H.; Hickerson, D.;, and Johnson, G. 2000. Short-term consequences of nourishment and bulldozing on the dominant large invertebrates of a sandy beach. *Journal of Coastal Research*. 16:2:368-378.

Porter, J.W.; Kosmynin, V.; Patterson, K.; Porter, K.G.; Jaap, W.C.; Wheaton, J.; Hackett, K.E.; Lybolt, M.; Tsokos, C.P.; Yanev, G.; Marcinek, D.; Dotten, J.; Eaken, D.; Patterson, M.; Meier, O.W.; Brill, M., and Dustan, P., 2002. Detection of Coral Reef Change by the Florida Keys Coral Reef Monitoring Project. In: Porter, J.W. and Porter, K.G. (eds). The Everglades, Florida Bay, and Coral Reefs of the Florida Keys: An Ecosystem Sourcebook. CRC Press, Boca Raton, pp 749-769.

Posey, M.H., and Alphin, T.D., 2000. Monitoring of benthic faunal responses to sediment removal associated the Carolina Beach and vicinity – Area South Project. Wilmington, NC: Center for Marine Science, University of North Carolina at Wilmington. *CMS Report No. 01-01*, 20pp.

Pritchard, P. C. H., 1997. Evolution, phylogeny and current status. Pages 1-28 in Lutz, P.L. and Musick, J.A. (ed.), The Biology of Sea Turtles. CRC Press, New York.

Rabon, D.R.; Johnson S.A.; Boettcher, R.; Dodd, M.; Lyons, M.; Murphy, S.; Ramsey, S.; Roff, S., and Stewart, K., 2003. Confirmed Leatherback turtle (*Dermochelys coriacea*) nests from North Carolina, with a summary of Leatherback nesting activities north of Florida. *Marine Turtle Newsletter*, 101, 4-8.

Rakocinski C.; Heard, R.; LeCroy, S.; McLelland, J.; and Simons, T. 1996. Responses by Macrobenthic Assemblages to Extensive Beach Restoration at Perdido Key FL. USA. *Journal of Coastal Research* 12.1.326-353

Randall, J., 2002. Endangered Species Bulletin, Volume XXVII, No. 3. Available at http://endangered.fws.gov/esb/2002/07-08/16-17.pdf.

Ray, K., 2009. Virginia Tech graduate student. Personal communication regarding piping plover nest on Onslow Beach.

Raymond. P.W. 1984. Sea Turtle Hatchling Disorientation and Artificial Beachfront Lighting. Center for Environmental Education, Washington, DC. 72 pp.

RDFMPAC and NCDMF (Red Drum Fishery Management Plan Advisory Committee Staff and North Carolina Division of Marine Fisheries Staff), 2001. Red Drum Fishery Management Plan. Morehead City, North Carolina: North Carolina Department of Environment and Natural Resources, 201p. http://www.ncfisheries.net/download/reddrumFMP final.pdf (June 2006)

Rhode, F. 2008. NCDMF. Personal communication regarding the presence of shortnose sturgeon in the New River.

Rhode F. and A. Deaton, 2006. Personal communication regarding known locations of shellfish habitat in the vicinity of New River Inlet. Biologists, North Carolina Division of Marine Fisheries.

Rich, T.D., C.J. Beardmore, H. Berlanga, P.J. Blancher, M.S.W. Bradstreet, G.S. Butcher, D.W. Demarest, E.H. Dunn, W.C. Hunter, E.E. Inigo-Elias, J.A. Kennedy, A.M. Martell, A.O. Panajabi, D.N. Pashley, K.V. Rosenberg, C.M. Rustay, J.S. Wendt, T.C. Will. 2004. Partners in Flight North American landbird conservation plan. Cornell Lab of Ornithology. Ithaca, NY.

Riggs, S.R.; W.J. Cleary; and S. Snyder, 1996. Morphology and Dynamics of Barrier and Headland Shorefaces in Onslow Bar, North Carolina. In: Environmental Coastal Geology: Cape Lookout to Cape Fear, NC. Edited by Clearly, W.J., Carolina Geological Society Field Trip Guidebook, 33 p.

Ruppert, E.E. and Fox, R.S. (1988). Seashore Animals of the Southeast: a guide to common sallow-water invertebrates of the southeastern Atlantic Coast. University of South Carolina. p.429

Ryder C. 1991. The effects of beach nourishment on sea turtle nesting and hatch success. Unpublished Report to Sebastian Inlet Tax District Commission, December 1991.

SAFMC (South Atlantic Fishery Management Council), 1998. Final Habitat Plan for the South Atlantic Region: Essential Fish Habitat Requirements for Fishery Management Plans of the South Atlantic Fishery Management Council. The Shrimp Fishery Management Plan, The Red Drum Fishery Management Plan, The Snapper Grouper Fishery Management Plan, The Coastal Migratory Pelagics Fishery Management Plan,

310

Final EIS: December 2009

The Golden Crab Fishery Management Plan, The Spiny Lobster Fishery Management Plan, The Coral, Coral Reefs, and Live/Hard Bottom Habitat Fishery Management Plan, The Sargassum Habitat Fishery Management Plan, and The Calico Scallop Fishery Management Plan. Charleston, South Carolina: South Atlantic Fishery Management Council, 457p. plus Appendices and Amendments.

Schafale, M. P., and Weakley, A.S. 1990. Classification of the natural communities of North Carolina, third approximation. N.C. Department of Environment and Natural Resources, Natural Heritage Program, Raleigh, NC.

Schwartz, F.J., 1995. Florida manatees, *Trichechus manatus* (Sirenia: Trichechidae) in North Carolina 1919-1994.

Schwartz, F.J. 1977. Modern sea turtles, in Endangered and Threatened Plants and Animals of North Carolina. Editors J.E. Cooper et. al. North Carolina State Museum of Natural History, Raleigh, North Carolina. pp 303-308.

Shoop, C.R. and R.D. Kenney, 1992. Seasonal distribution and abundances of loggerhead and leatherback sea turtles in waters of the northeastern United States, *Herpetological Monographs*, Vol. 6, Pp. 43.

Sibley, D.A., 2000. National Audubon Society The Sibley Guide to Birds, Chanticleer Press, New York.

SMS (Smithsonian Marine Station at Fort Pierce), 2006. *Leptogorgia hebes* (False Sea Fan; Regal Sea Fan). http://www.sms.si.edu/irLspec/Leptog_hebes.htm.

Street, M.W.; A.S. Deaton; W.S Chappell; and P.D. Mooreside, 2004. North Carolina Draft Coastal Habitat Protection Plan. Morehead City, North Carolina: North Carolina Department of Environment and Natural Resources, Division of Marine Fisheries, Pp. 656.

Street, M.W.; Deaton, A.; Chappell, W.S., and Mooreside, P.D., February 2005. *North Carolina Coastal Habitat Protection Plan.* Morehead City, North Carolina: North Carolina

Sugg, M.T., 2006. Personal communication regarding recent nourishment/renourishment projects in North Carolina. North Topsail Beach Shoreline Protection Project Manager, NEPA Coordinator, USACE, Wilmington District. July 2006.

Tenbrink, C. September, 2009. Personal communication regarding sea turtle and piping plover populations on Onslow Beach.

Texas Cooperative Research Unit, 2002. Temperate broad-leaved seasonal evergreen forest. (Mainly broad-leaved evergreen with some foliage reduction in the dry season). http://www.tcru.ttu.edu.

Tidewater Atlantic Research, Inc. (TAR), 2005. Historical Research and a Submerged Cultural Resource Remote-Sensing Survey New River and New River Inlet Channel Realignment Onslow County, North Carolina. Prepared for Coastal Planning & Engineering, Inc. Boca Raton, Florida, 63p.

Tidewater Atlantic Research, Inc. (TAR), 2007. A Submerged Cultural Resource Remote-Sensing Survey for a Borrow Area Located Off North Topsail Beach Onslow County, North Carolina. Prepared for Coastal Planning & Engineering of North Carolina, Inc. Wilmington, North Carolina, 41p.

Tidewater Atlantic Research, Inc. (TAR), 2008. A Submerged Cultural Resource Remote-Sensing Survey New River Inlet Channel Realignment Onslow County, North Carolina. Prepared for Coastal Planning & Engineering of North Carolina, Inc. Wilmington, North Carolina, 35p.

USACE (US Army Corps of Engineers - Wilmington District), 1989. Detailed Project Report and Environmental Assessment on Improvements of Navigation, New River Inlet, Onslow County, North Carolina, February 1989.

USACE (US Army Corps of Engineers), 2002. US Army Corps of Engineers, Engineer Research and Development Center, Coastal and Hydraulics Lab, Coastal Engineering Manuel, 2002.

USACE (US Army Corps of Engineers – Wilmington District), 2006. Regulatory Division, Section 10 Rivers and Harbors Act of 1899. http://www.usace.army.mil/cw/cecwo/reg/rhsec10.htm

USACE. September 2008. Regional Biological Assessment for Dredging Activities in the Coastal Waters, Navigation Channels (including designated Ocean Dredged Material Disposal Sites (ODMDS)), and Sand Mining Areas in the South Atlantic Ocean. USACE, Wilmington District. Submitted to NMFS on 12 September 2008

US Congress, January 1982. Second session: Coastal Barrier Resources Act, pp. 8.

USCB (US Census Bureau), June 2006. State and County QuickFacts, Onslow County, North Carolina. http://quickfacts.census.gov/qfd/states/37/37133.html. Last visited 31 August 2007.

USDC (US Department of Commerce), September 1998. Designated Critical Habitat for Green and Hawksbill Sea Turtles, Federal Register Vol. 63, No. 170 (50 CFR Part 226).

USDOI (US Department of the Interior), US Fish and Wildlife Service, 2001. Endangered and Threatened Wildlife and Plants; Final Determination of Critical Habitat for Wintering Piping Plovers; Final Rule. Federal Register 50 CFU Part 17.

USEPA (US Environmental Protection Agency), 2001. Air Quality Index Summary Report AIRS-AQS. 3pp.

USEPA (US Environmental Protection Agency), 2002. Local Drinking Water Information, http://www.epa.gov/safewater/dwinfo/nc.htm

USEPA (US Environmental Protection Agency), 2006. Laws and Regulations, Clean Water Act. http://www.epa.gov/region5/water/cwa.htm

USFWS (U.S. Fish and Wildlife Service), 1993a. Caribbean Roseate Tern Recovery Plan. U.S. Fish and Wildlife Service, Atlanta, Georgia. 40pp.

USFWS (U.S. Fish and Wildlife Service), 1993b. Endangered Species Program, Seabeach Amaranth. http://endangered.fws.gov

USFWS (U.S. Fish and Wildlife Service). 1996. Piping Plover (*Charadrius melodus*), Atlantic Coast Population, Revised Recovery Plan. Hadley, Massachusetts. 258 pp.

USFWS (U.S. Fish and Wildlife Service), 2002a. Draft Fish and Wildlife Coordination Act Report Bogue Banks Shore Protection Project, Carteret County, North Carolina.

USFWS (U.S. Fish and Wildlife Service), 2002a. 2000-2001 Status Update: U.S. Atlantic Coast Piping Plover Population. Sudbury, Massachusetts. 9pp.

USFWS (U.S. Fish and Wildlife Service), 2003f. Division of Congressional and Legislative Laws. http://laws.fws.gov/lawsdigest/coasbar.html.

USFWS (U.S. Fish and Wildlife Service), 2003a. Green Sea Turtles in North Carolina, http://nc-es.fws.gov/reptile/greensea.html.

USFWS (U.S. Fish and Wildlife Service), 2003b. Hawksbill Sea Turtles in North Carolina, http://nc-es.fws.gov/reptile/hawksbill.html.

USFWS (U.S. Fish and Wildlife Service), 2003c. Kemp's Ridley Sea Turtles in North Carolina, http://nc-es.fws.gov/reptile/ridley.html.

USFWS (U.S. Fish and Wildlife Service), 2003d. Leatherback Sea Turtles in North Carolina, http://nc-es.fws.gov/reptile/leather.html.

USFWS (U.S. Fish and Wildlife Service), 2003e. Loggerhead Sea Turtles in North Carolina, http://nc-es.fws.gov/reptile/logger.html

USFWS (U.S. Fish and Wildlife Service), 2003f. Environmental Conservation Online System. http://ecos.fws.gov

USFWS (United States Fish and Wildlife Service Staff), 2004a. Roseate tern (Northeast and Western) Life History. Washington, D.C.: Environmental Conservation Online System. 3p. . http://ecos.fws.gov/docs/life_histories/B070.html Last visited June 2006.

USFWS (U.S. Fish and Wildlife Service), 2004b. 2002-2003 Status Update: U.S. Atlantic Coast Piping Plover Population. Sudbury, Massachusetts. 8pp.

USFWS (U.S. Fish and Wildlife Service), 2006. Endangered Species, Threatened Species, Federal Species of Concern, and Candidate Species, Onslow County, North Carolina, http://nc-es.fws.gov/es/countyfr.html

USFWS (U.S. Fish and Wildlife Service), 2006a. West Indian Manatees in North Carolina. http://nc-es.fws.gov/mammal/manatee.html

USFWS (U.S. Fish and Wildlife Service), 2006b. Green Sea Turtles in North Carolina, http://nc-es.fws.gov/reptile/greensea.html

USFWS (U.S. Fish and Wildlife Service), 2006c. Hawksbill Turtles in North Carolina, http://nc-es.fws.gov/reptile/hawksbill.html

USFWS (U.S. Fish and Wildlife Service), 2006d. Leatherback Sea Turtles in North Carolina, http://nc-es.fws.gov/reptile/leather.html

USFWS (U.S. Fish and Wildlife Service), 2006e. Roseate Terns in North Carolina, http://nc-es.fws.gov/birds/rosetern.html.

USFWS (U.S. Fish and Wildlife Service), 2006f. Piping Plovers in North Carolina, http://www.fws.gov/northeast/pipingplover/status/index.html. Last updated January 27, 2005.

USFWS (U.S. Fish and Wildlife Service), 2006g. Digest of Federal Resource Laws of Interest to the U.S. Fish and Wildlife Service, Fish and Wildlife Coordination Act of 1958. http://www.fws.gov/laws/laws_digest/FWACT.HTML

USFWS (U.S. Fish and Wildlife Service), 2006h. Digest of Federal Resource Laws of Interest to the U.S. Fish and Wildlife Service, Migratory Bird Treaty Act of 1918. http://www.thecre.com/fedlaw/legal2a/migtrea.htm

USFWS (U.S. Fish and Wildlife Service), 2007a. North Florida Field Office, Leatherback Sea Turtle (*Dermochelys coriacea*),

http://www.fws.gov/northflorida/SeaTurtles/Turtle Factsheets/leatherback-sea-turtle.htm. Last updated December 29, 2005.

USFWS (U.S. Fish and Wildlife Service), 2007b. Piping Plover Critical Habitat Questions And Answers. http://www.fws.gov/nc-es/piplch/PIPL_CH_Q&A2.pdf

USFWS (U.S. Fish and Wildlife Service), 2007c. Preliminary 2005 Atlantic Coast Piping Plover Abundance and Productivity Estimates.

http://www.fws.gov/northeast/pipingplover/status/preliminary.05.pdf Last accessed July 03, 2007.

USFWS (U.S. Fish and Wildlife Service), 2007d. Preliminary 2006 Atlantic Coast Piping Plover Abundance and Productivity Estimates.

http://www.fws.gov/northeast/pipingplover/pdf/preliminary.06.pdf Last accessed July 03, 2007.

USFWS (U.S. Fish and Wildlife Service),2007e. <u>Shorebirds: Winging Between Hemispheres</u>. http://www.fws.gov/migratorybirds/shrbird/shrbird.html

USFWS (U.S. Fish and Wildlife Service), 2007f. Status of the Red Knot (*Calidris canutus rufa*) in the Western Hemisphere.

 $\frac{http://www.fws.gov/northeast/endangered/Red\%20Knot\%20Assessment\%20May\%202}{007.standard.pdf}$

Last accessed September 10, 2007.

USMC, (US Marine Corps), 2002. Environmental Assessment for Routine Shore Fire Control Party Training Marine Corps Base, Camp Lejeune Onslow County, North Carolina. http://www.lejeune.usmc.mil/emd/sfcp/SFCPEAFinal.htm

USMC, (US Marine Corps) May 2006. Camp Lejeune Environmental Management Division, Installations & Environment Department. Pre Final 2006 Integrated Natural Resource Management Plan (INRMP).

http://www.lejeune.usmc.mil/emd/INRMP/INRMP.htm . Last updated June 2006.

USC (University of South Carolina), 2002. NORTH CAROLINA NERR – Masonboro Island Component (General Description). http://inlet.geol.sc.edu/NOC/masonboro-island.html

Weakley, A.S. and Bucher, M.A., 1992. Status survey of seabeach amaranth (*Amaranthus pumilus* Rafinesque) in North and South Carolina. Report submitted to the North Carolina Plant Conservation Program, and Endangered Species Field Office.

Wiley, D.N., R.A. Asmutis, T.D. Pitchford, and D.P. Gannon. 1995. Stranding and mortality of humpback whales, *Megaptera novaeangliae*, in the mid-Atlantic and southeast United States, 1985-1992. Fishery Bulletin, U.S. 93:196-205.

Wilkinson, P.K. and Spinks, M. 1994. Winter distribution and habitat utilization of Piping Plovers in South Carolina. Chat 58: 33-37.

Willson, K. and W.J. Cleary, 2003. Targeting offshore sand resources for high hazard zones along southeastern North Carolina, USA. Coastal Sediments '03 (5th International Symposium on Coastal Engineering and Science of Coastal Sediment Processes).

Witzell, W. N., 1983. Synopsis of biological data on the hawksbill turtle *Eretmochelys imbricata* (Linnaeus, 1766). FAO Fisheries Synopsis FAO, Rome, 78pp.

Woodle, T. Town of North Topsail Beach. Personal communication regarding demolition of homes on North Topsail Beach.

York, D. Coastal Biologist. Personal communication regarding shorebird observations in proximity to New River Inlet.

Zervas, C., 2004: North Carolina Bathymetry/Topography Sea Level Rise Project: Determination of Sea Level Trends. NOAA technical report NOS CO-OPS 041. NOAA National Ocean Service, Silver Spring, MD, 31 pp. http://tidesandcurrents.noaa.gov/publications/techrpt41.pdf

Ziegler, T.A. and R. Forward, Jr., 2005. Larval Release Rhythm of the Mole Crab *Emerita talpoida* (Say). *Biological Bulletin* 209: 194-203.

8.0 PRODUCT DEVELOPMENT AND DISTRIBUTION - LIST OF PREPARERS AND AGENCIES

Name/Affiliation	Discipline/Expertise	Role in EIS Preparation	Experience
Tom Campbell, P.E. Coastal Planning & Engineering, Inc.	Coastal Engineering	Project Engineer / Technical Reviewer	5 years, Lev Zetlin & Assoc.; 10 years Arthur V. Strock; 23 years, Coastal Planning & Engineering, Inc.
Tom Jarrett, P.E. Coastal Planning & Engineering, Inc.	Coastal Engineering	Project Manager / Senior Project Engineer	34 years, USACE; 5 years, Coastal Planning & Engineering, Inc.
Doug Mann Coastal Planning & Engineering, Inc.	Coastal Engineering	Project Manager / Senior Project Engineer	20 years, Coastal Planning & Engineering, Inc.
Erin A. Hague Coastal Planning & Engineering, Inc.	Coastal Zone Management, Marine Biology, NEPA Compliance	Project Manager / Senior Project Scientist	4 years, USGS; 2 years, Massachusetts DOT; 2 years, EarthTech; 5 years, Coastal Planning & Engineering, Inc.
Melany Larenas, P.G. Coastal Planning & Engineering, Inc.	Geology	Senior Analyst	6 years, Coastal Planning & Engineering, Inc.
Gordon Thomson, P.E. Coastal Planning & Engineering, Inc.	Coastal Engineering	Project Engineer / Technical Reviewer	7.5 years, Coastal Planning & Engineering, Inc.
Victoria Grabowski, Coastal Planning & Engineering, Inc.	Coastal Engineering	Project Engineer	1.5 years, Coastal Planning & Engineering, Inc.
Matt Rupert Coastal Planning & Engineering, Inc.	Coastal Engineering	Borrow Area Analyst	11 months, Coastal Planning & Engineering, Inc.
Christopher Day, P.E. Coastal Planning & Engineering, Inc.	Coastal Engineering / Modeling	Project Engineer	9 years, Coastal Planning & Engineering, Inc.

8.0 PRODUCT DEVELOPMENT AND DISTRIBUTION - LIST OF PREPARERS AND AGENCIES (cont.)

Name/Affiliation	Discipline/Expertise	Role in EIS Preparation	Experience
Craig J. Kruempel Coastal Planning & Engineering, Inc.	Coastal Zone Management / Marine Biology / NEPA Compliance	Senior Project Scientist / Product Development / Reviewer	19 years, Coastal Planning & Engineering, Inc.
Angela Delaney Coastal Planning & Engineering, Inc.	Marine Biology	Field Biologist / Technical Writer	3.5 years, Coastal Planning & Engineering, Inc.
Rob Baron Coastal Planning & Engineering, Inc.	Marine Biology	Field Biologist	5 years, Coastal Planning & Engineering, Inc.
Lauren Floyd Coastal Planning & Engineering, Inc.	Marine Biology	Technical Writer	4 years, National Coral Reef Institute; 1.5 years, Coastal Planning & Engineering, Inc.
Jessica Craft Coastal Planning & Engineering, Inc.	Marine Biology	Field Biologist / Technical Writer	2 years, CECOS; 1.5 years, Coastal Planning & Engineering, Inc.
Adrienne Carter Coastal Planning & Engineering, Inc.	Marine Biology	Technical Writer	3 years, National Coral Reef Institute, 1 year, Coastal Planning & Engineering, Inc.
Dawn York Coastal Planning & Engineering, Inc.	Coastal Biology	Technical Writer	5 years, CZR, Inc.; 2 years, Coastal Planning & Engineering, Inc.
André LaBonté Coastal Planning & Engineering, Inc.	Coastal Zone Management / Marine Biology	Technical Writer	23 years, Coastal Planning & Engineering, Inc.
Robin LaBonté Coastal Planning & Engineering, Inc.	Coastal Zone Management / Marine Biology	Technical Writer	23 years, Coastal Planning & Engineering, Inc.

8.0 PRODUCT DEVELOPMENT AND DISTRIBUTION - LIST OF PREPARERS AND AGENCIES (cont.)

Name/Affiliation	Discipline/Expertise	Role in EIS Preparation	Experience
Jeff Andrews, PSM, CH Coastal Planning & Engineering, Inc.	Geology and Surveying	Reviewer	23 years, Coastal Planning & Engineering, Inc.
Ken Willson Coastal Planning & Engineering, Inc.	Geology and Surveying	Field Geologist / Analyst	4 years, Coastal Planning & Engineering, Inc.
Kristina Dennis Coastal Planning & Engineering, Inc.	Geology	Project Geologist	4 years, Coastal Planning & Engineering, Inc.
Charlie Finkl, Ph.D. Coastal Planning & Engineering, Inc.	Marine Geology	Reviewer	6 years, Coastal Planning & Engineering, Inc.
Lindino Benedet Coastal Planning & Engineering, Inc.	Coastal Oceanography	Technical Writer	5 years, Coastal Planning & Engineering, Inc.
Angela M. Belden Coastal Planning & Engineering, Inc.	GIS/CAD Operations	Principal GIS Reviewer	3 years, PSNH; 2 years George Keller Surveyors; 16 years Coastal Planning & Engineering, Inc.
David N. Rubin Coastal Planning & Engineering, Inc.	GIS Specialist	Data Management / GIS Development	3 years, Amec Earth Environmental; 4 years Coastal Planning & Engineering, Inc.
Heather Vollmer Coastal Planning & Engineering, Inc.	GIS Specialist	GIS Development	2 years, International Hurricane Center; 1 year, CECOS; 11 months, Coastal Planning & Engineering, Inc.
W. Rodney Knowles Town of North Topsail Beach, NC	Mayor, Town of North Topsail Beach	Applicant	Product Reviewer

8.0 PRODUCT DEVELOPMENT AND DISTRIBUTION - LIST OF PREPARERS AND AGENCIES (cont.)

Name/Affiliation	Discipline/Expertise	Role in EIS Preparation	Experience
Sheila Cox Town of North Topsail Beach, NC	Capital Projects Coordinator, Town of North Topsail Beach	Applicant	Product Reviewer
Dick Macartney Town of North Topsail Beach, NC	Town of North Topsail Beach	Applicant	Product Reviewer
Mickey Sugg U.S. Army Corps of Engineers - Wilmington District	NEPA Compliance	USACE Project Manager	Project Coordinator / Product Reviewer
Doug Huggett N.C. Division of Coastal Management	SEPA Compliance	NCDCM Project Manager	Project Coordinator / Product Reviewer
Brad Rosov Coastal Planning & Engineering, Inc.	Coastal Biology	Technical Writer	2 years, Coastal Planning & Engineering, Inc.
Angie Shipp-Pennock Coastal Planning & Engineering, Inc.	Coastal Biology	Technical Writer	4 years, USACE Wilmington District; 1 years, Coastal Planning & Engineering, Inc.
Donald Martin Town of North Topsail Beach, NC	Mayor, Town of North Topsail Beach	Applicant	4 years, USACE Wilmington District; 1 years, Coastal Planning & Engineering, Inc.

Final EIS: December 2009